AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) A wireless communications network comprising:

at least one network cell;

a base transceiver station (BTS) in each said network cell;

a plurality of Mobile Subscriber (MS) units, said MS units in each said network cell communicating wirelessly with said BTS; and

a position location receiver in at least one MS unit, said at least one MS unit being a positioned MS unit selectively providing located reception measurements to said BTS, located reception measurements including a current MS unit location with current signal reception measurements.

2. (currently amended) A wireless communications network as in claim 1, wherein said at least one cell is a plurality of cells, said at least one positioned MS unit is one of a plurality of self-locating ~~positioned~~ MS units, each determining a respective current location, measuring current signal reception level and providing said current location with current signal reception measurements to a respective local said BTS at a selected time.

3. (original) A wireless communications network as in claim 2, wherein said local BTS selects said selected time.

4. (previously presented) A wireless communications network as in claim 1, wherein said at least one MS unit is a cell phone and said position location receiver is a Global Positioning System (GPS) receiver in said cell phone.

5. (original) A wireless communications network as in claim 1, further comprising a reception level database predicting reception levels at locations within each said network cell, said network updating said reception level database responsive to said located reception measurements.

6. (original) A wireless communications network as in claim 1, wherein said BTS provides location specific information to said positioned MS unit.

7. (original) A wireless communications network as in claim 6, said location specific information indicating local commercial activities.

8. (original) A wireless communications network as in claim 6, said location specific information indicates local hazards.

9. (original) A wireless communications network as in claim 6, said location specific information being provided as short message service (SMS) messages.

10. (original) A wireless communications network as in claim 1, said wireless communications network is a Global System for Mobile Communication (GSM) network.

11. (currently amended) A wireless communications network comprising:

a plurality of network cells distributed over a wireless communications network coverage area;

a base transceiver station (BTS) serving each of said plurality of network cells;

a plurality of Mobile Subscriber (MS) units in each of said plurality of network cells;

a self-locating ~~positioned~~ MS unit in ones of said plurality of network cells, said self-locating ~~positioned~~ MS unit including a position location receiver locating the global position of said self-locating ~~positioned~~ MS unit; and

each said self-locating ~~positioned~~ MS unit providing self-located reception measurements to a local said BTS, said self-located reception measurements including a MS unit current location with current signal reception measurements.

12. (original) A wireless communications network as in claim 11, further comprising a reception level database predicting reception levels at locations within said wireless communications network coverage area, said network updating said reception level database responsive to said located reception measurements.

13. (currently amended) A wireless communications network as in claim 11, wherein said plurality of MS units is a plurality of self-locating ~~positioned~~ MS units, and said plurality of positioned MS units comprise a Personal Digital Assistant (PDA) with wireless connectivity, a cellular phone, a notebook computer, a tablet computer and a text messaging device.

14. (currently amended) A wireless communications network as in claim 11, wherein said local BTS in ones of said plurality of network cells selectively provide location specific information to selected self-locating ~~positioned~~ MS units.

15. (original) A wireless communications network as in claim 14, wherein said location specific information indicates local commercial activities.

16. (original) A wireless communications network as in claim 14, wherein said location specific information indicates local hazards.

17. (original) A wireless communications network as in claim 14, wherein said location specific information being provided as short message service (SMS) messages.

18. (currently amended) A wireless communications network as in claim 11, wherein said wireless communications network is a Global System for Mobile Communication (GSM) network and at least one said self-locating ~~positioned~~ MS unit includes a Global Positioning System (GPS) receiver, said GPS receiver being said position location receiver.

19. (original) A method of managing a wireless communications network, said method comprising the steps of:

a) measuring signal reception level at a Mobile Subscriber (MS) unit;

b) locating the position of said MS unit;

c) providing measured said reception level and said located position to a base transceiver station (BTS); and

d) returning to measuring step (a) at a selected time.

20. (original) A method of managing a wireless communications network as in claim 19, wherein said selected time in step (d) is selected by said BTS.

21. (original) A method of managing a wireless communications network as in claim 19, wherein said selected time in step (d) is automatically selected.

22. (original) A method of managing a wireless communications network as in claim 19, wherein before step (d) said method further comprises the step of:

c1) updating predicted reception levels in a reception level database responsive to a located said position and said signal reception measurements from said MS unit.

23. (previously presented) A method of managing a wireless communications network as in claim 19, wherein said MS unit measures said signal reception level and locates said position, and before step (d) said method further comprises the step of:

c1) providing location specific information from said BTS to said MS unit.

24. (original) A method of managing a wireless communications network as in claim 23, wherein said location specific information indicates commercial activities local to said MS unit.

25. (original) A method of managing a wireless communications network as in claim 19, wherein said location specific information indicates local hazards.

26. (original) A method of managing a wireless communications network as in claim 19, wherein said location specific information is provided as short message service (SMS) messages.